

R=CH₃=vinblastine

R=CHO=vincristine

FIG. 1

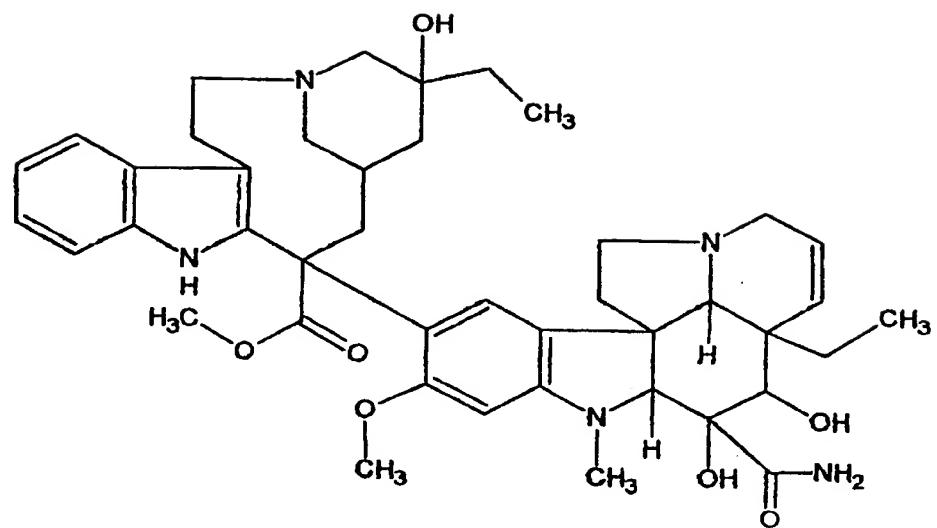


FIG. 2

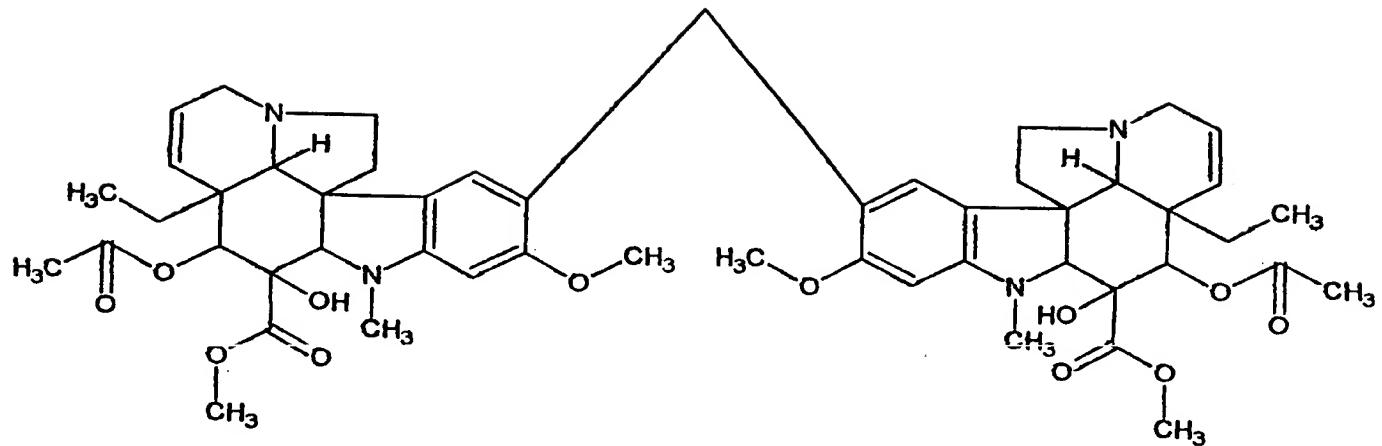


FIG. 3

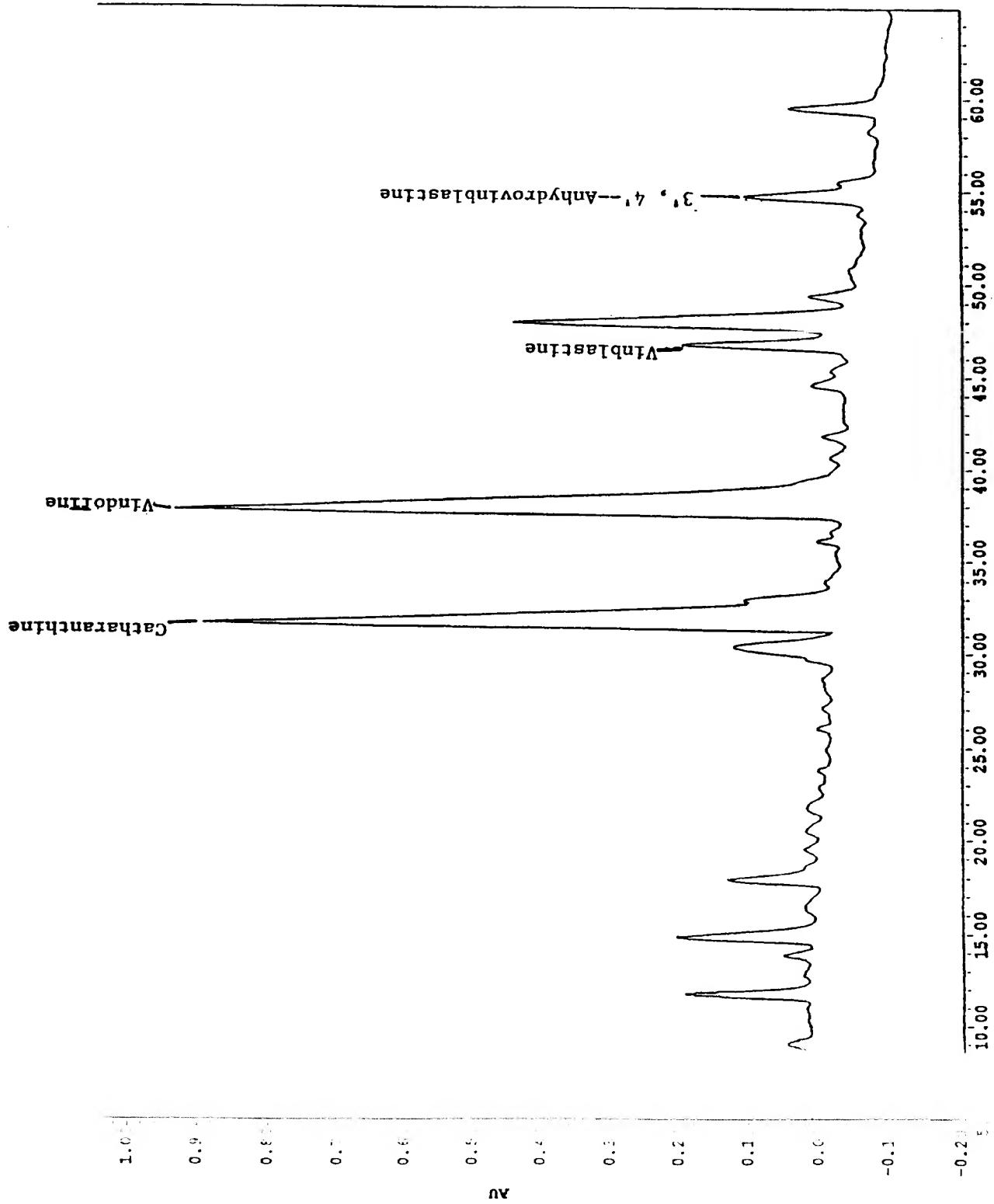


FIG. 4

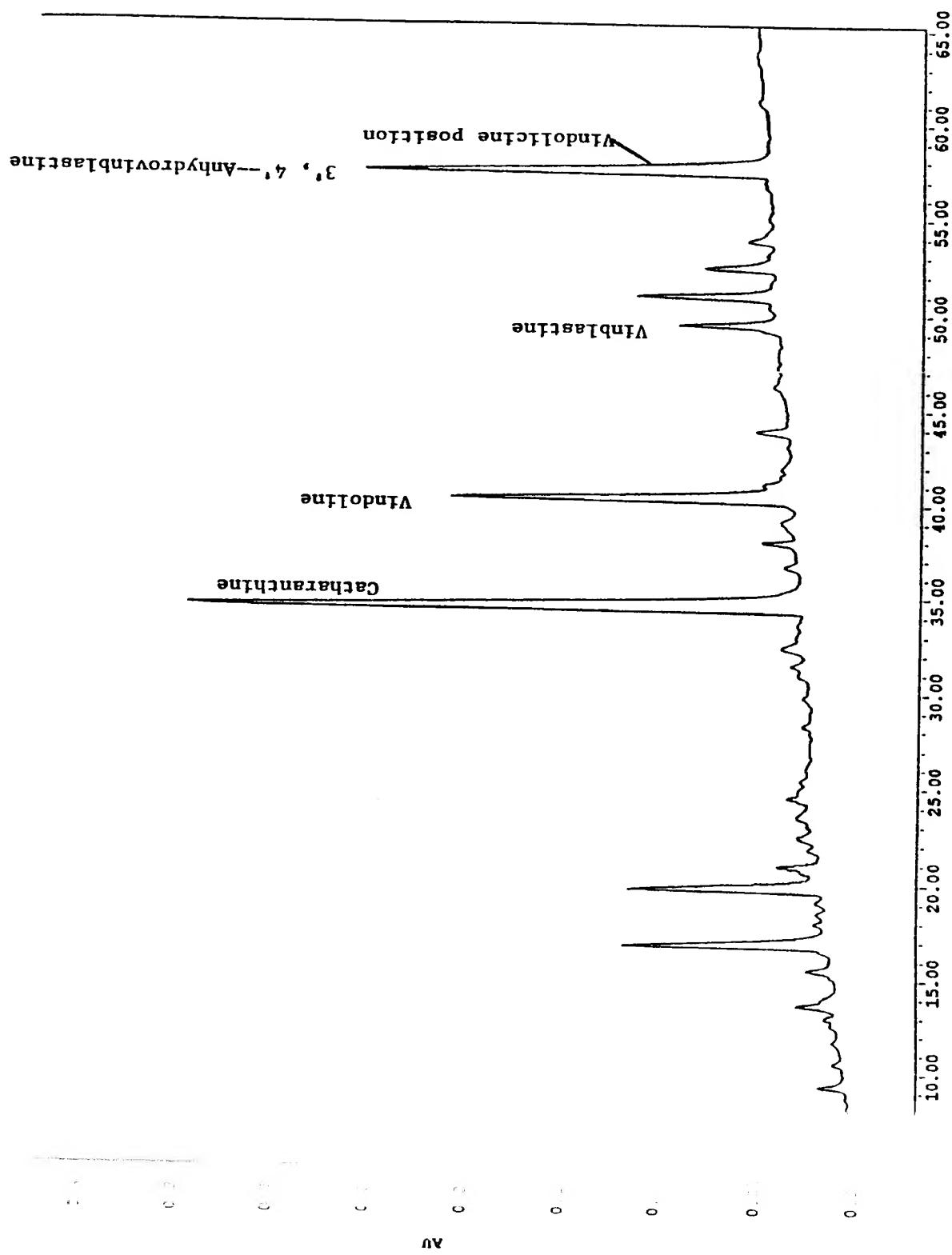
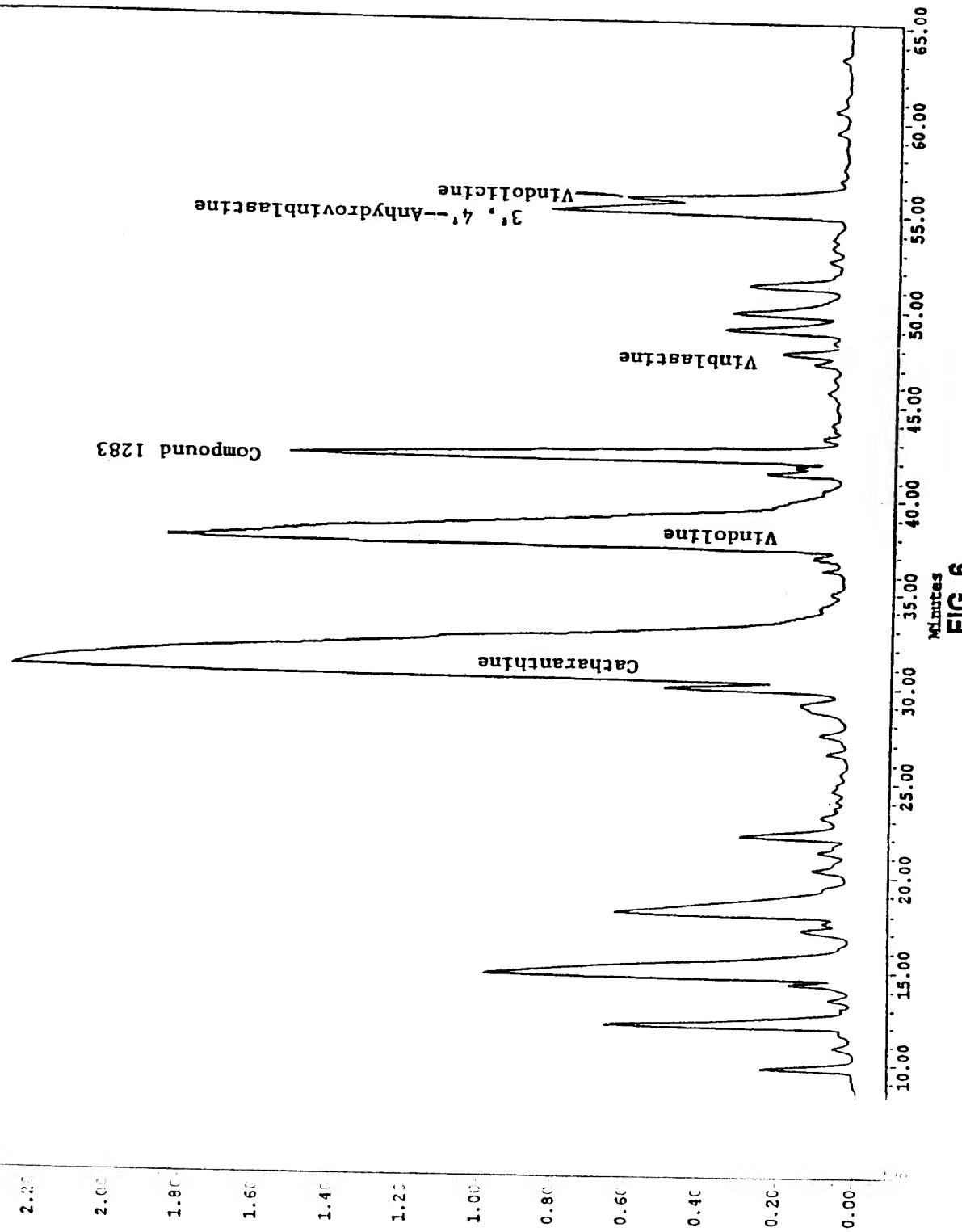


FIG. 5



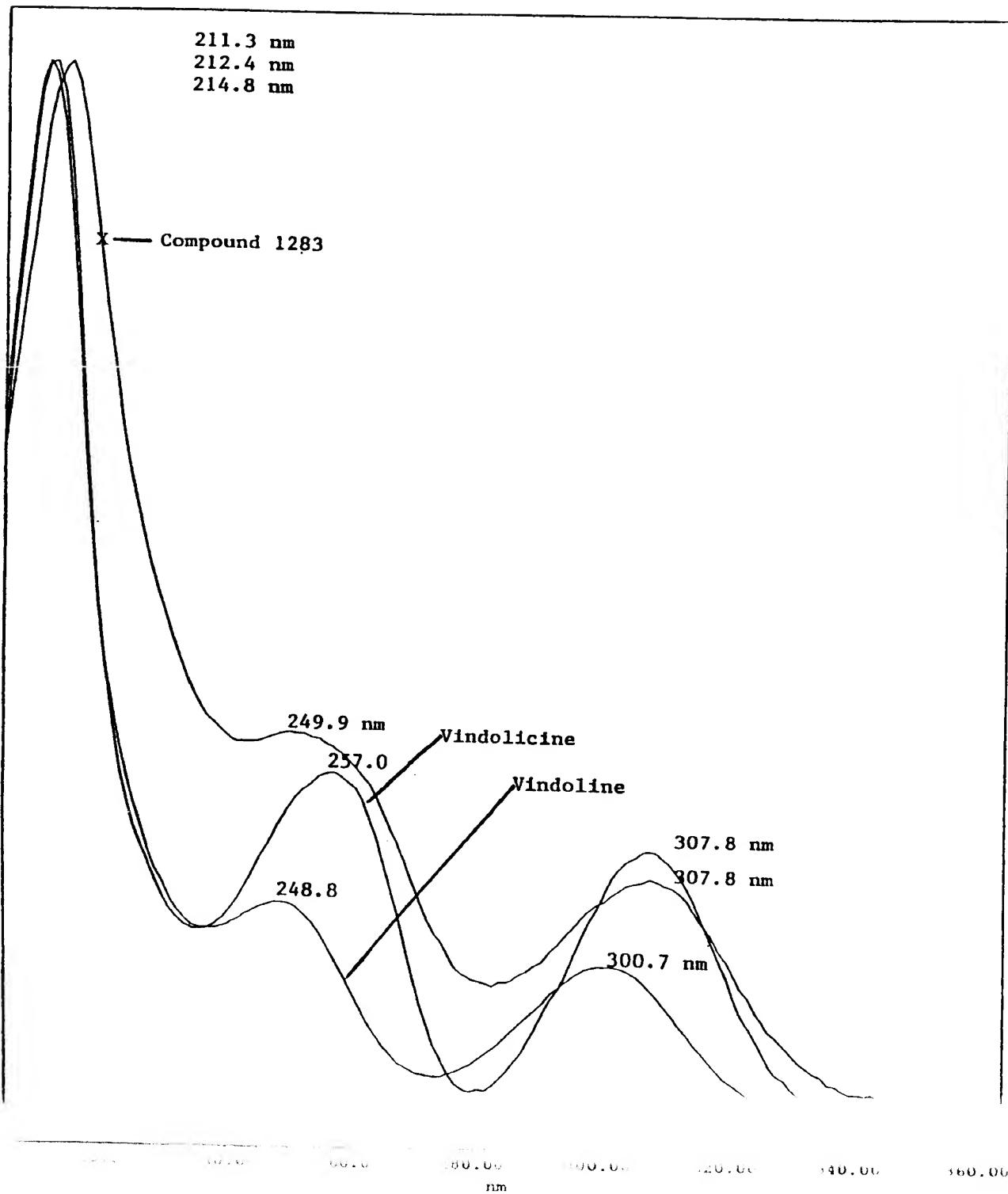


FIG. 7

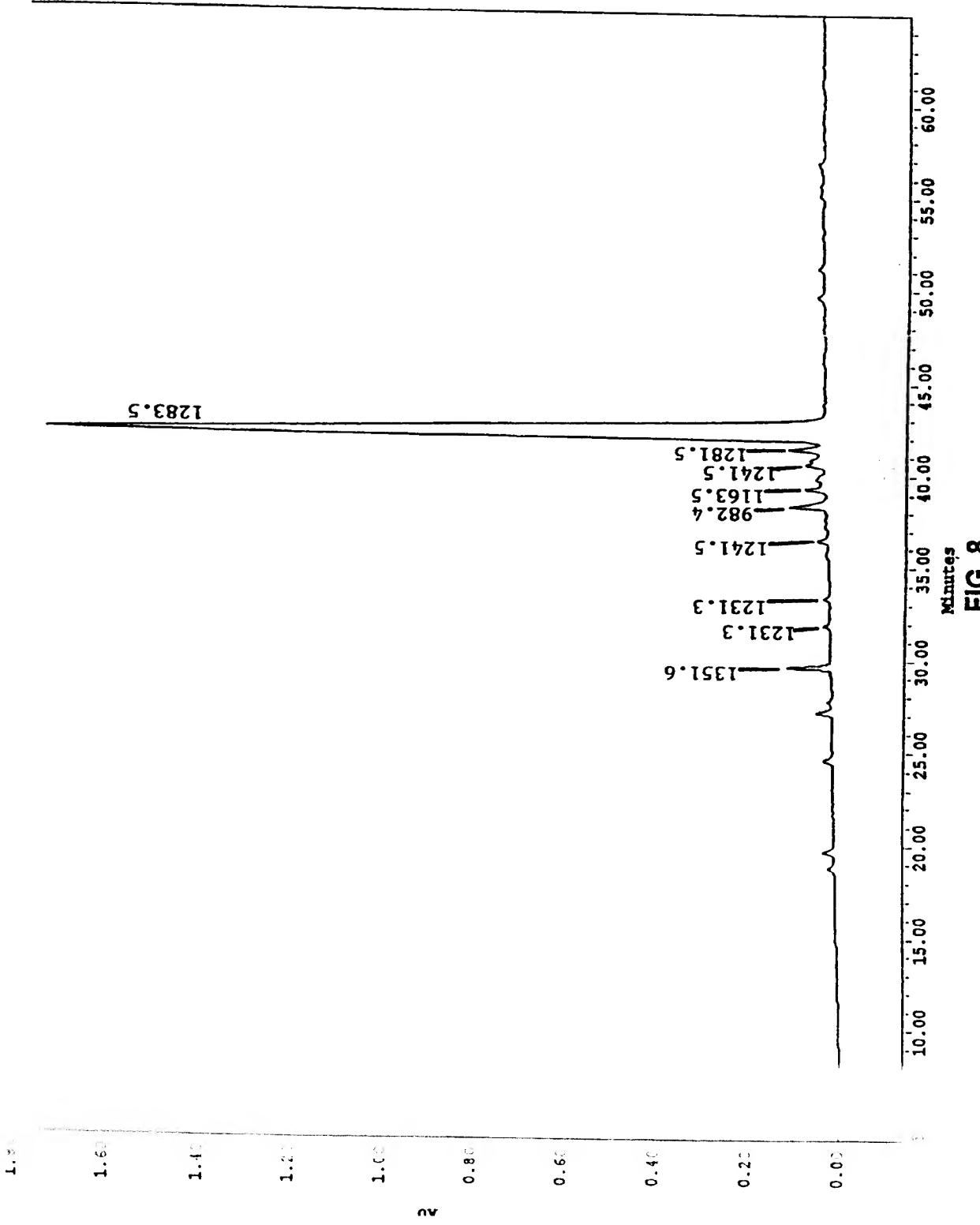


FIG. 8

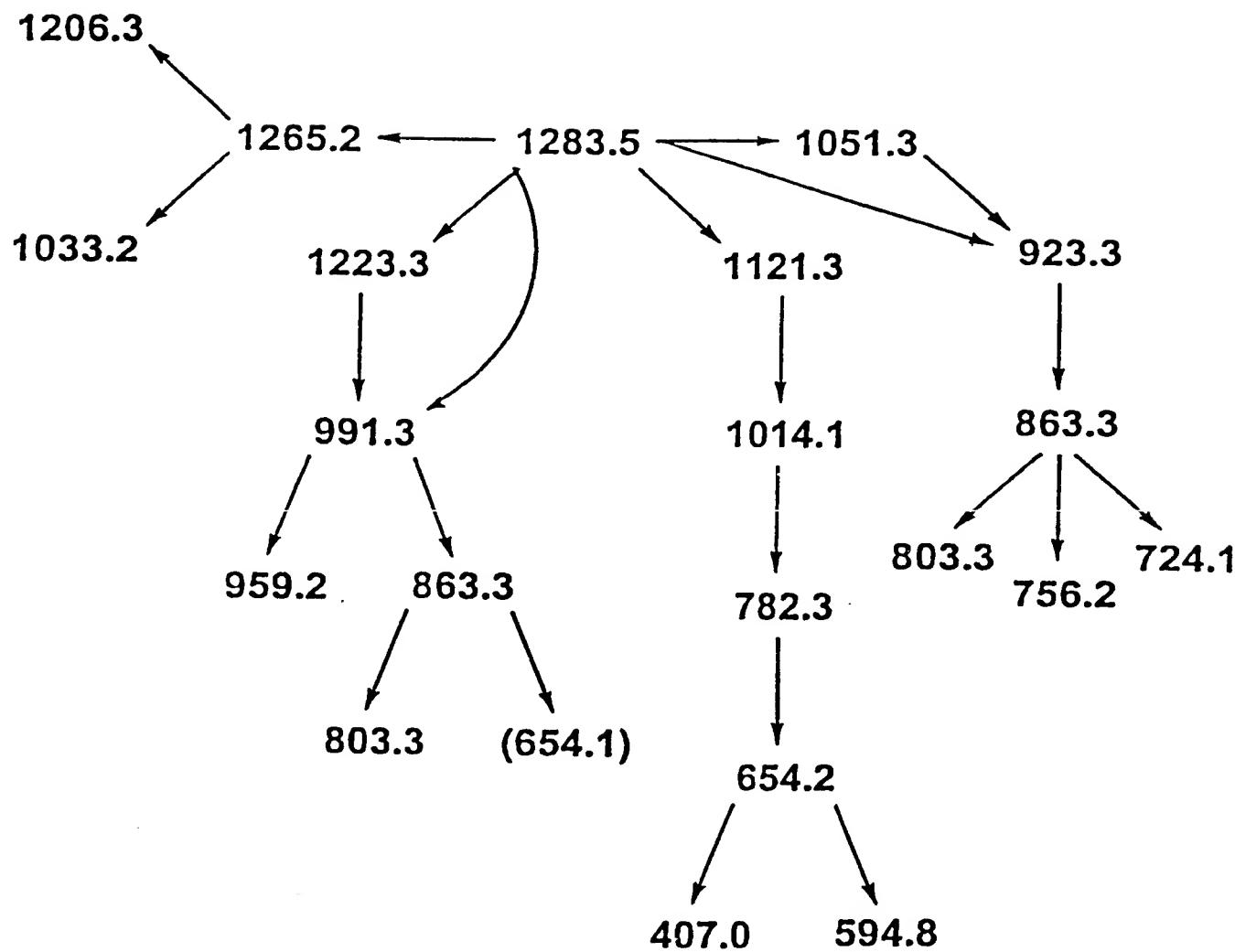


FIG. 9

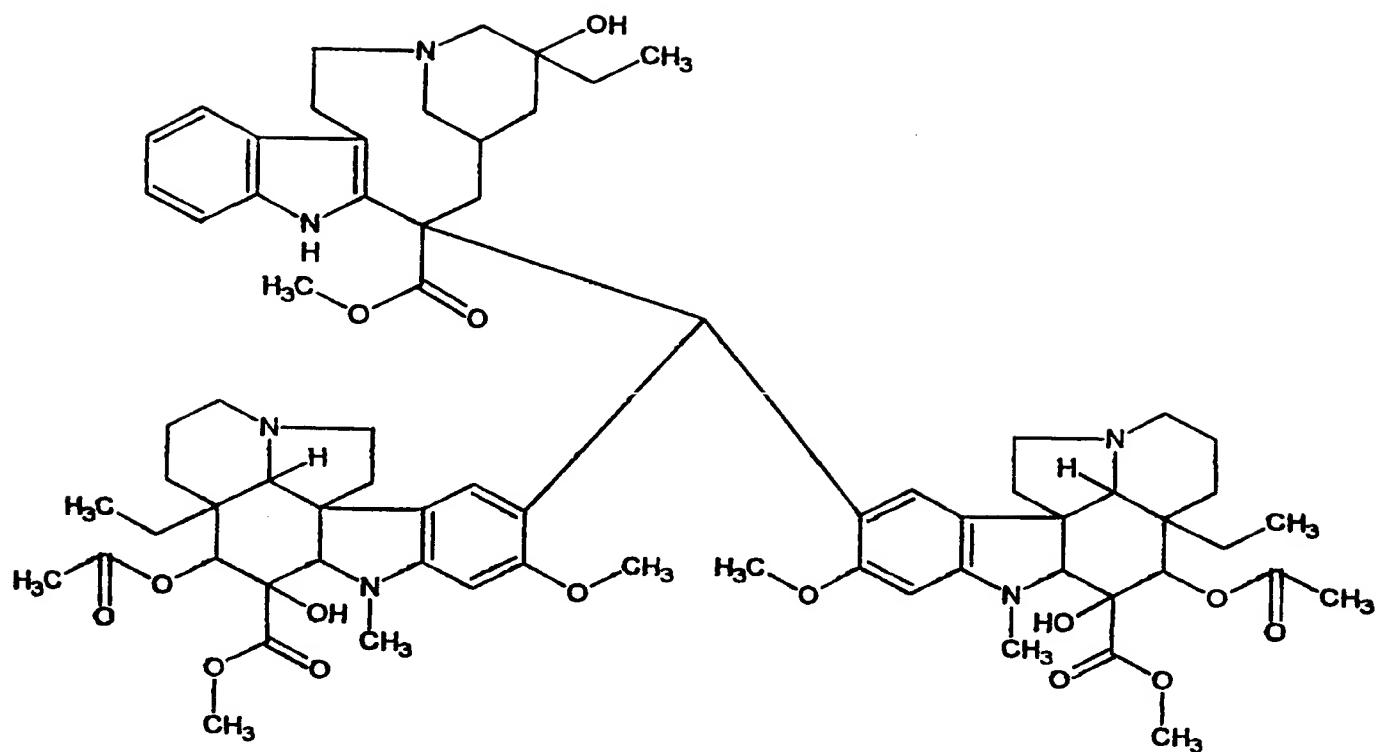


FIG. 10

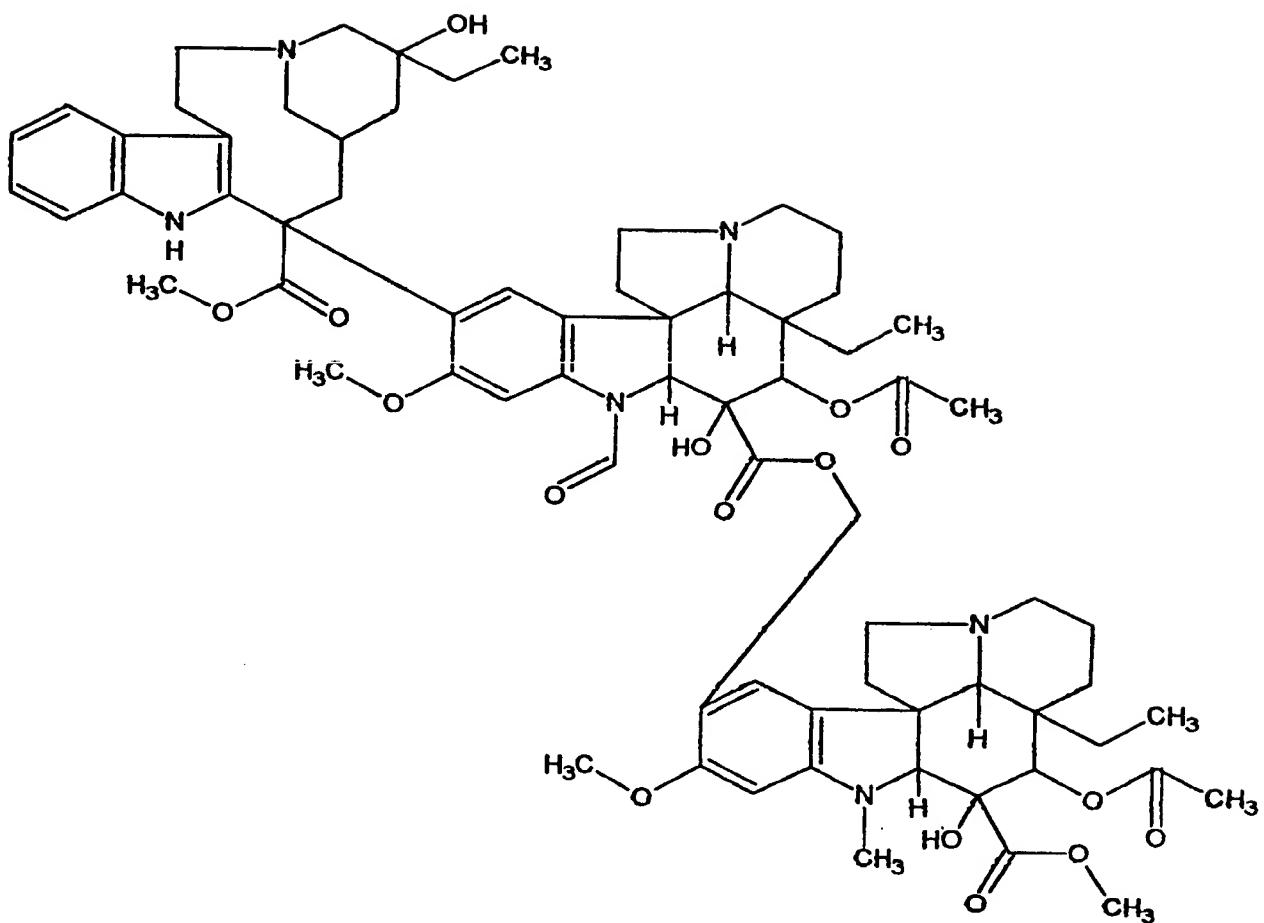


FIG. 11

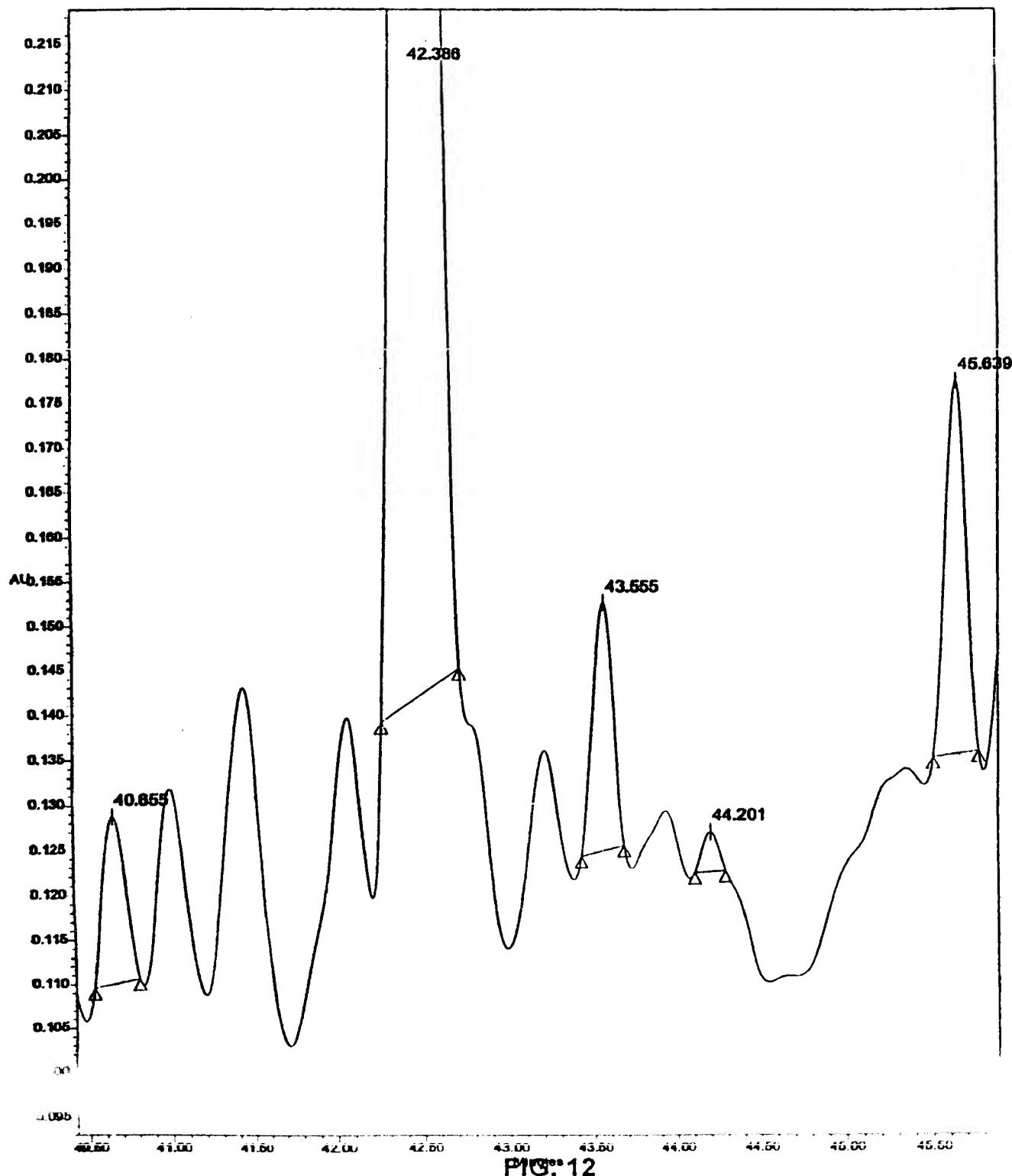


FIG. 12

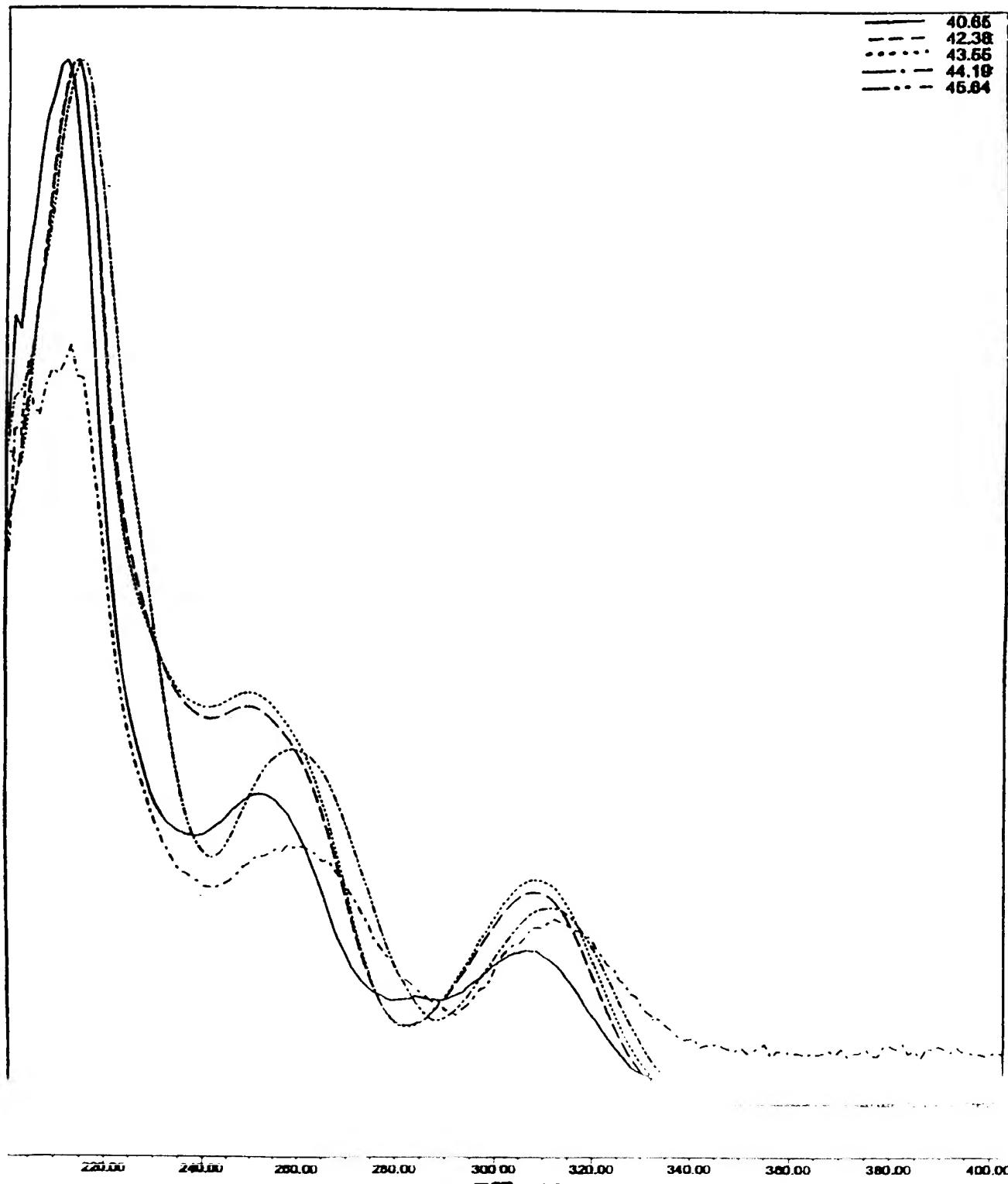


FIG. 13

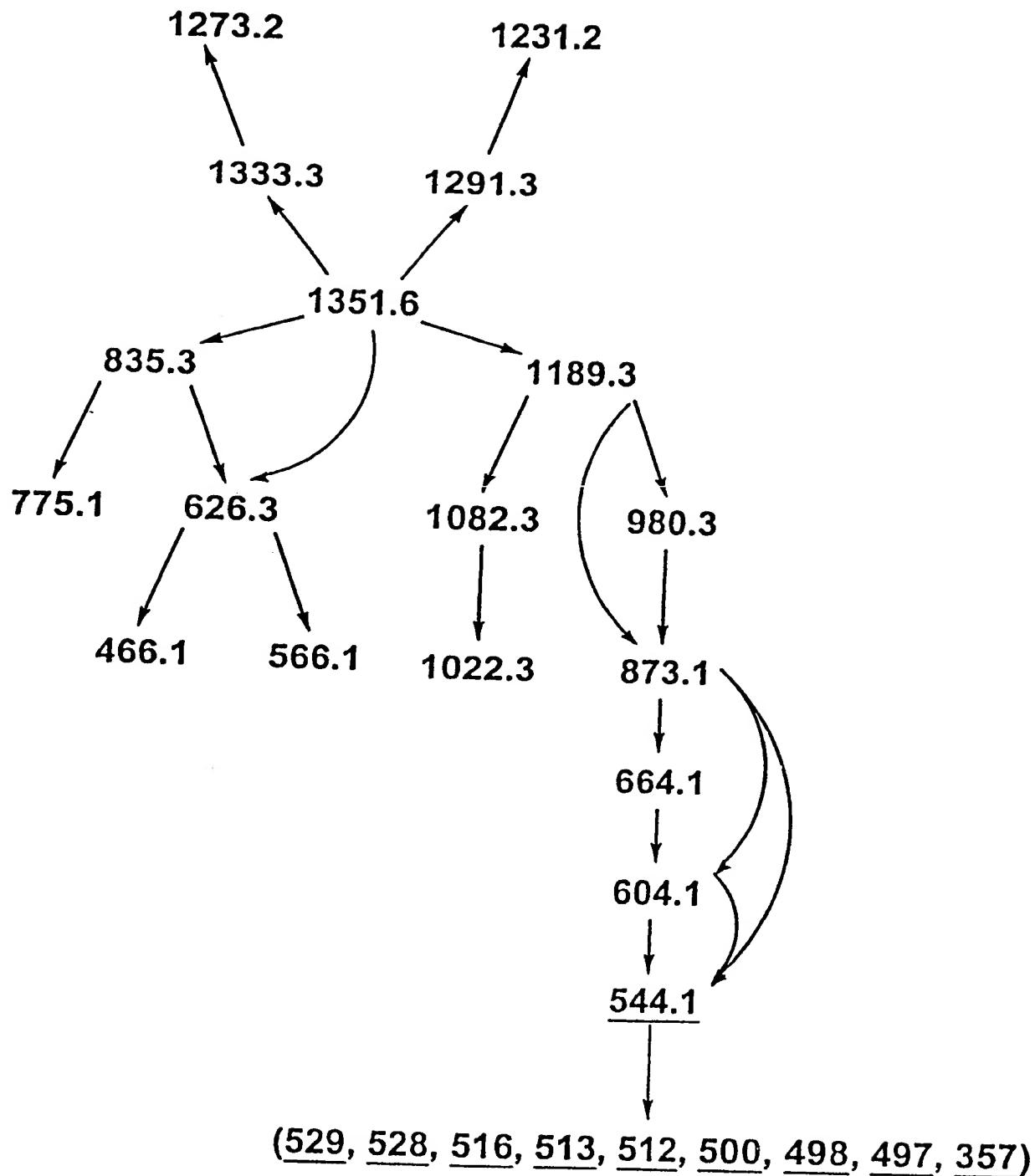


FIG. 14

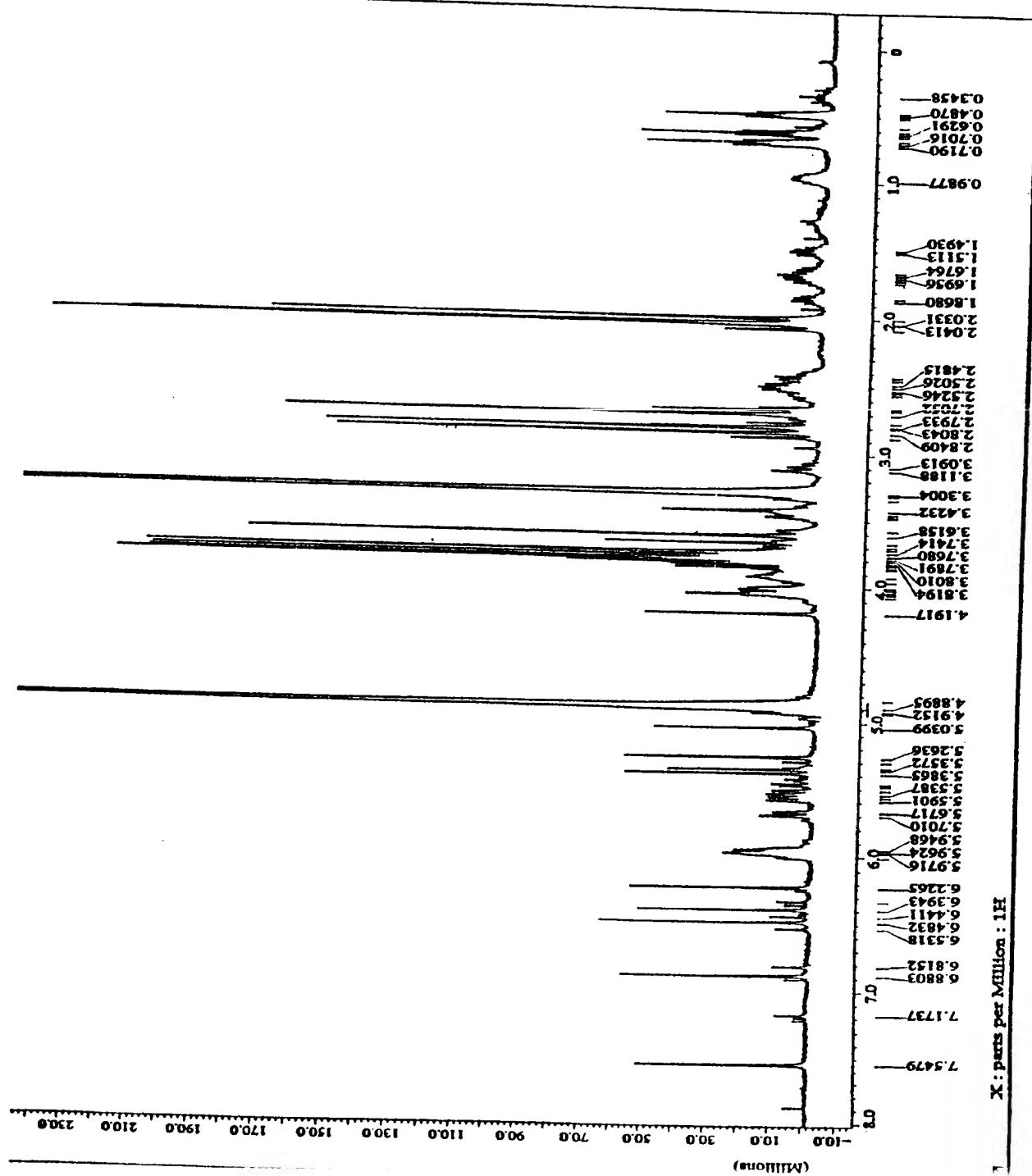


FIG. 15

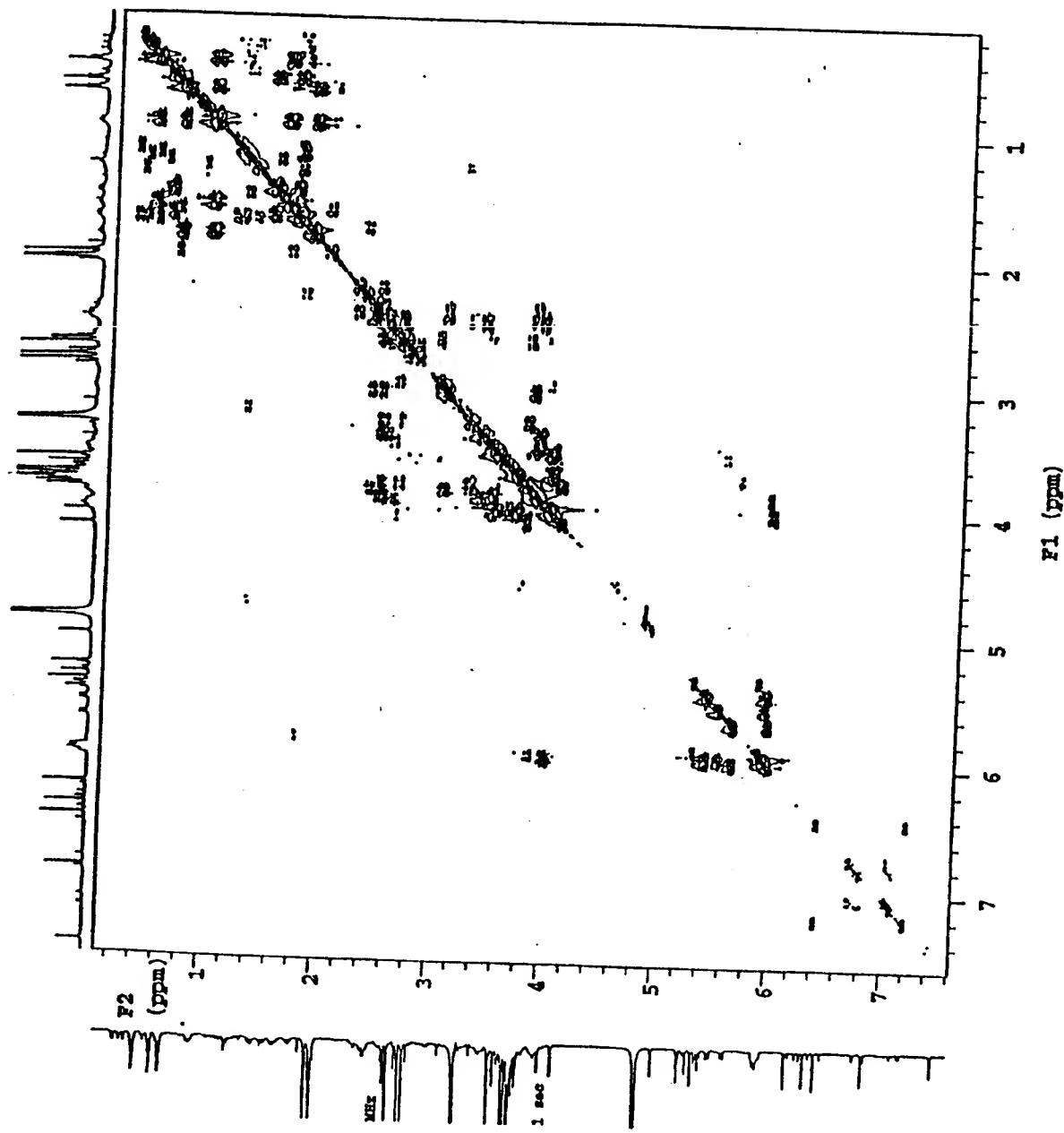


FIG. 16

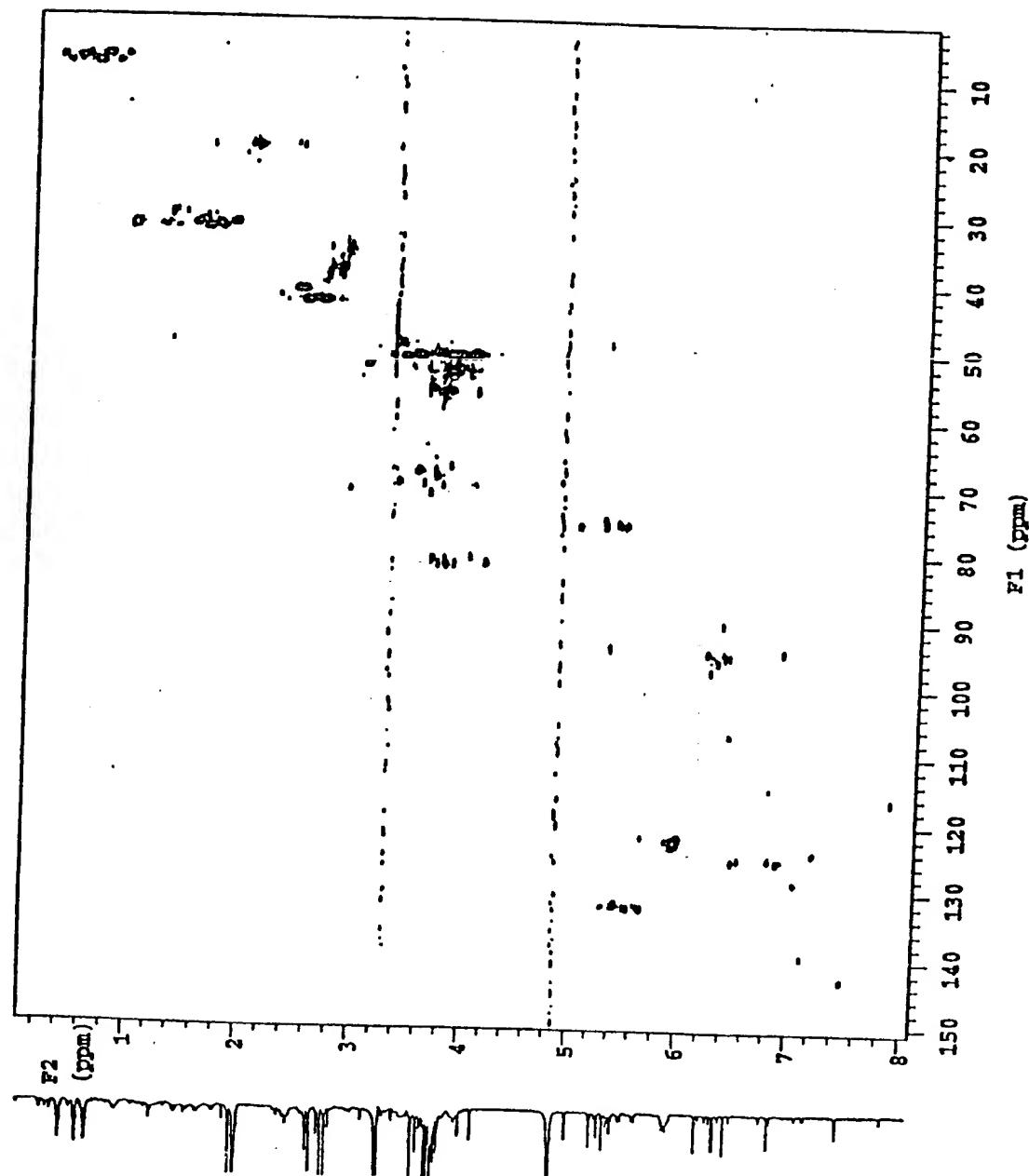


FIG. 17

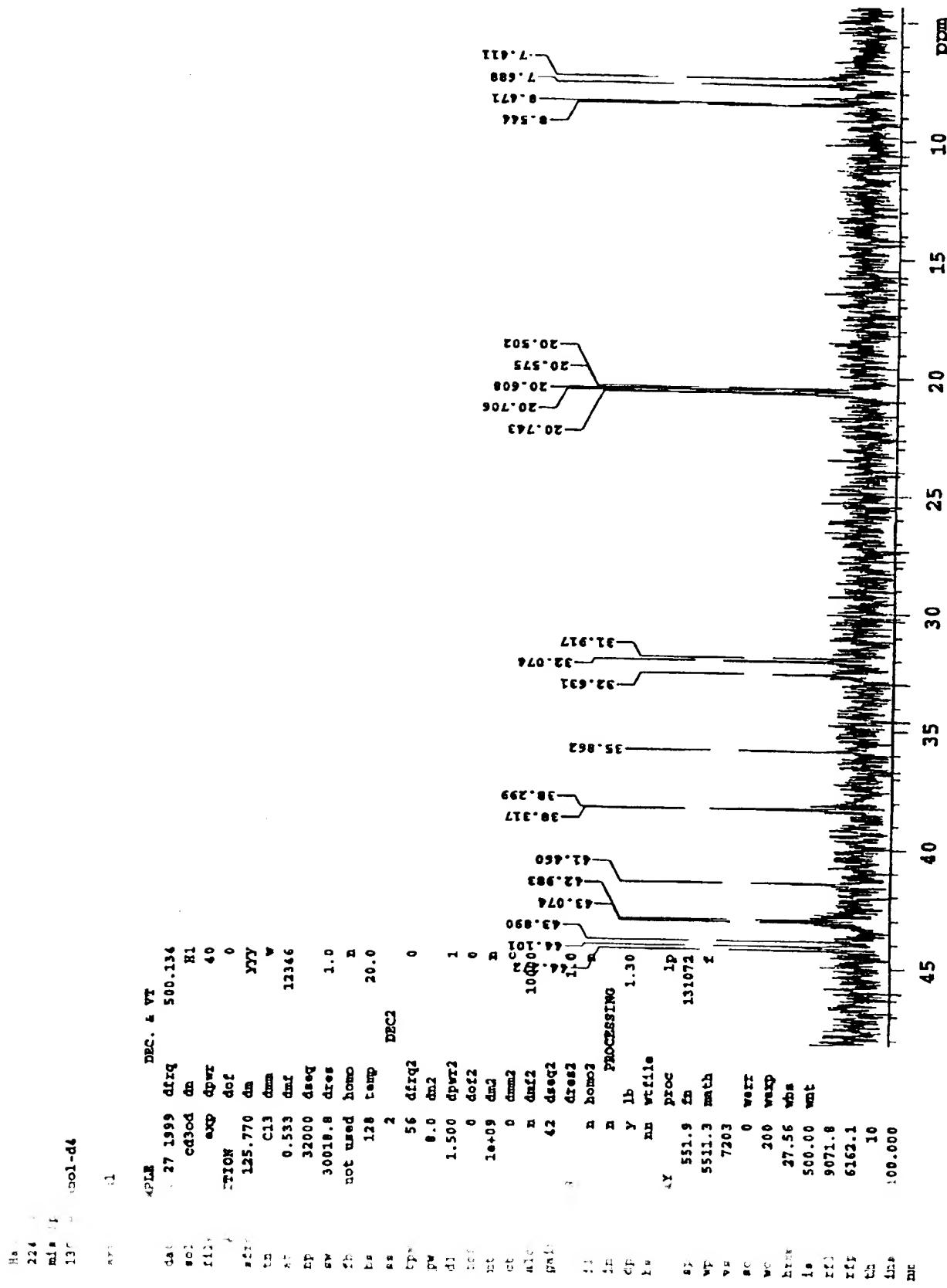


FIG. 18A

```

-1
 01
  hanol-d4
  ipul

AMPLE      DEC. & VT
7/1 27 1999  dfrq  500.134
          cd3od  dn   H1
          exp   dpxr  4.0
          POSITION  d2s   0
          125.770  dn   377
          C13  dnm   ▾
          0.533  dnf  22346
          32000  dseq
          30018.8  dress 1.0
          not used  homd  n
          128  temp  20.0
          2      DEC.
          56  dfrq2  0
          0.0  dm2
          1.500  dpw22  1
          0  dpr2
          1e+09  dm2
          0  dm2
          2  dm2
          42  dseq2
          3Gy  dress
          n  homod
          n  PROCESSING
          Y  1b   1.30
          nn  wt210
          nAY  proc  1P
          14350.8  dn  131072
          629.5  match
          7203
          0  wt22
          200  wexp
          41.15  whs
          500.00  wnt
          907.8
          6162.1
          10
          100.000

```

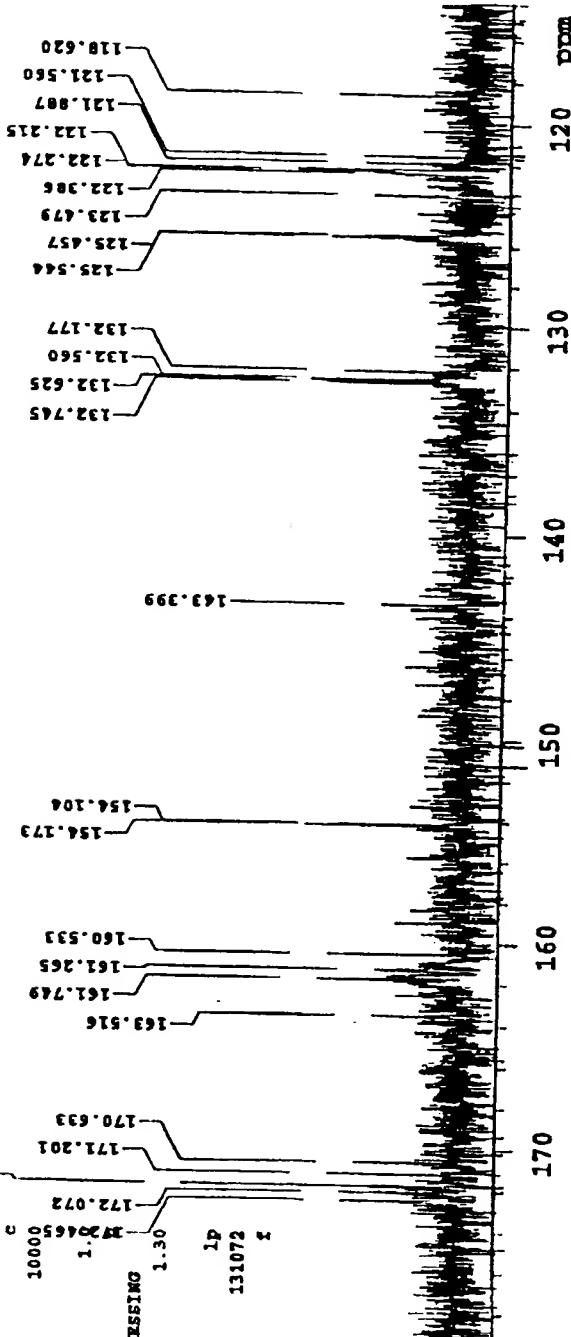


FIG. 18B

```

22-1
1.1 pool
mchb01-d4
*2pu1

SAMPLE      DMC & VT
Jul 27 1999  dmc2  500.134
              cd3od  db   H1
              exp  dmc2  4.0
              dmc2  0
INITIAL      dmc2
              125.779 dm2
              C13  dm2
              0.513  dm2  12346
              32000  dmc2
              30018.3 dmc2  1.0
not used    hom2
              12.0 temp  20.0
              2      DMC2
              56  dmc2  0
              6.0  dm2
              1.500 dmc2  1
              0  dmc2  0
              1e+09 dm2
              0  dm2
              3  dm2  10000
              42  dmc2
              dmc2  1.0
              n  hom2
              n  PROCESSING
              Y  1b
              n  wt241e
STANAY      Proc  1P
              6257.4  fm  131072
              6446.2  match  f
              7203
              0  wtr2
              209  wtr2
              32.23  wtr
              500.00  vent
              9071.0
              6162.1
              10
              100.000
pH

```

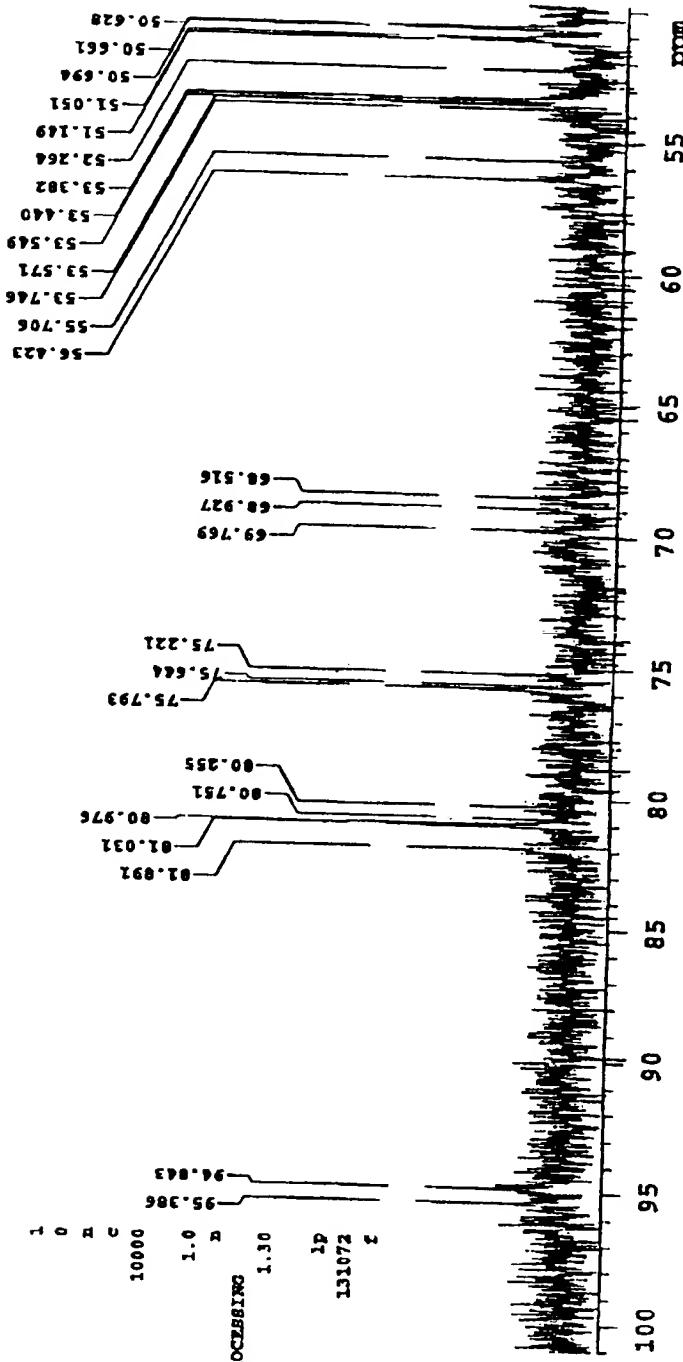


FIG. 18C

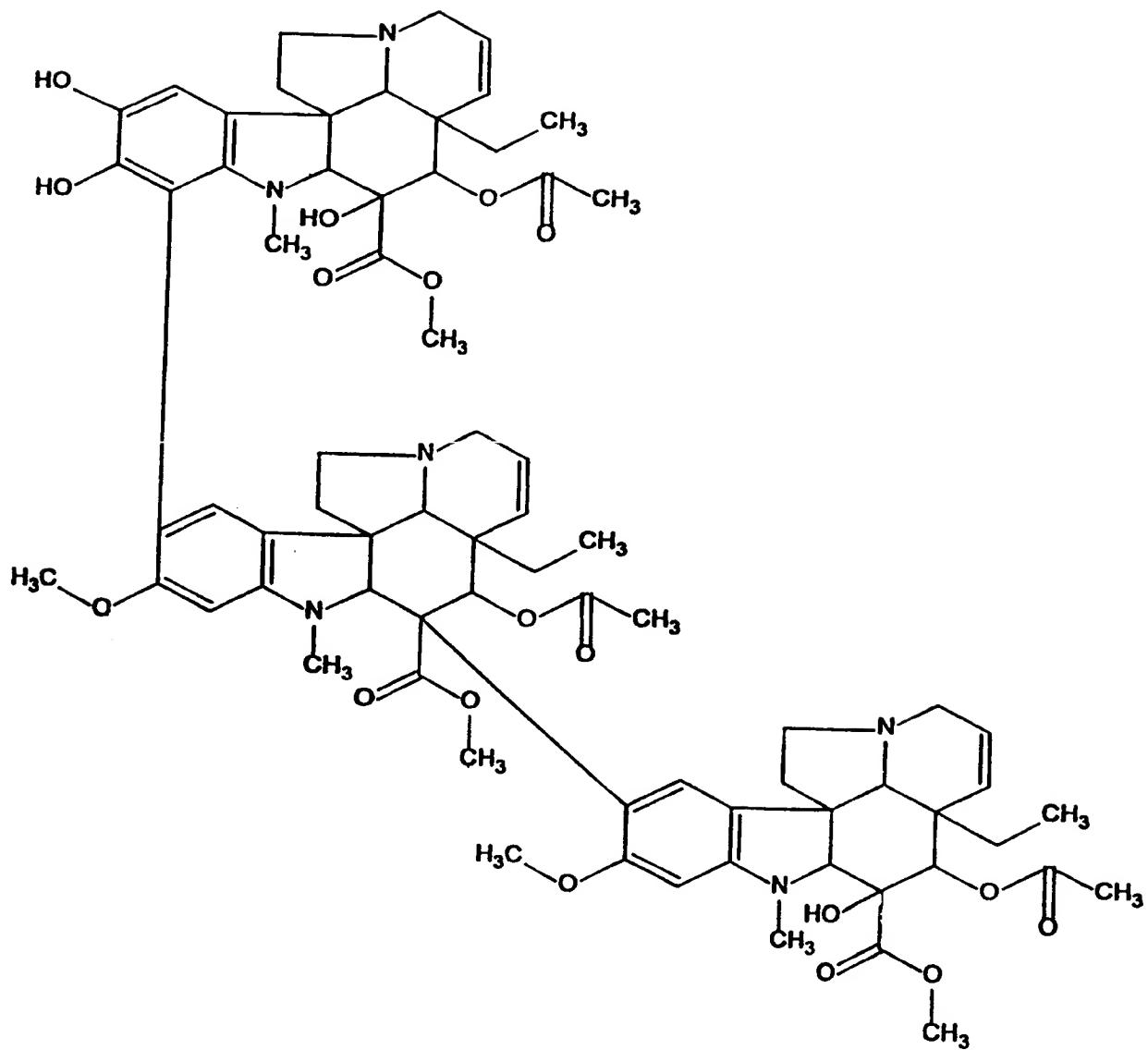


FIG. 19

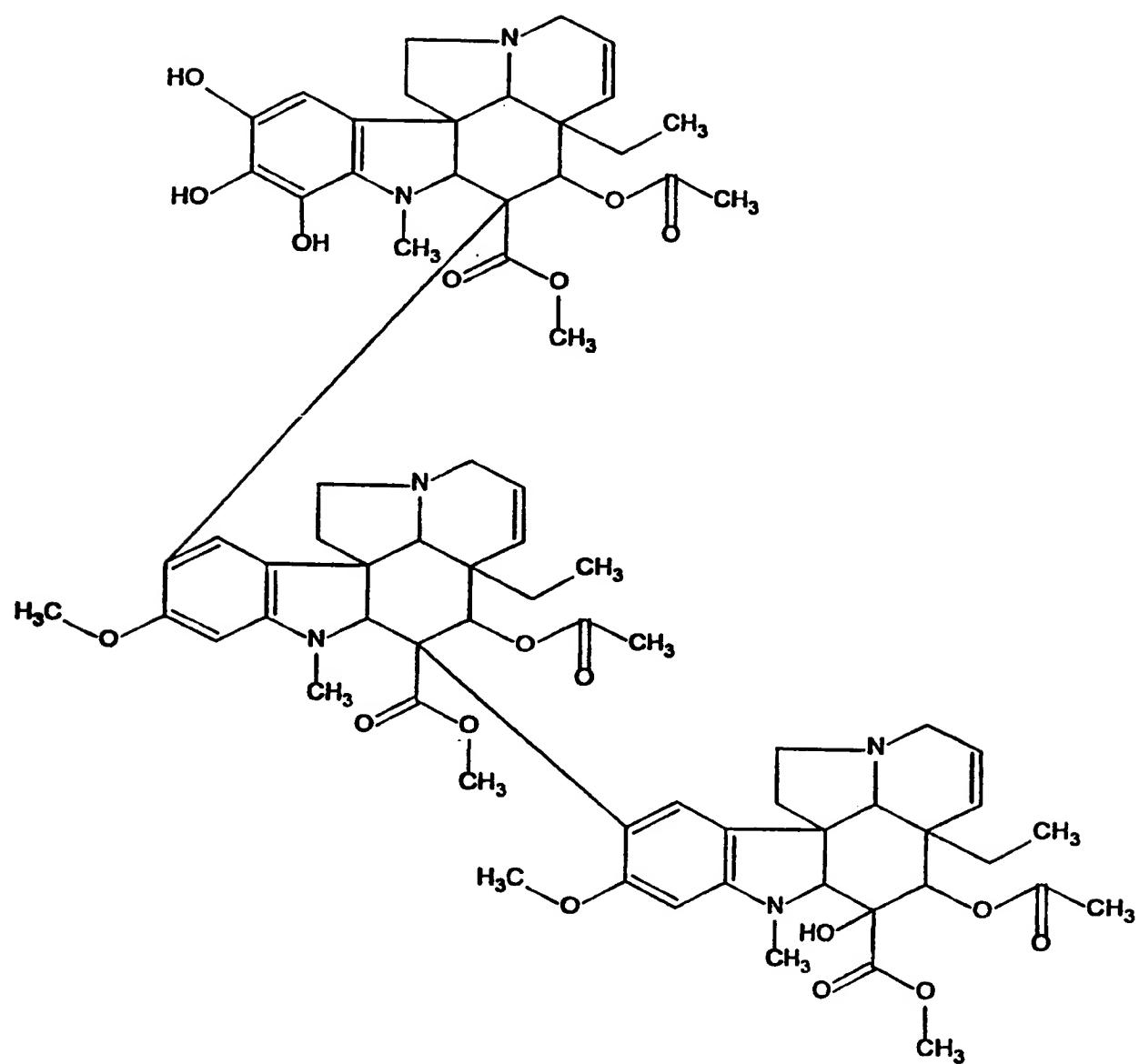


FIG. 20

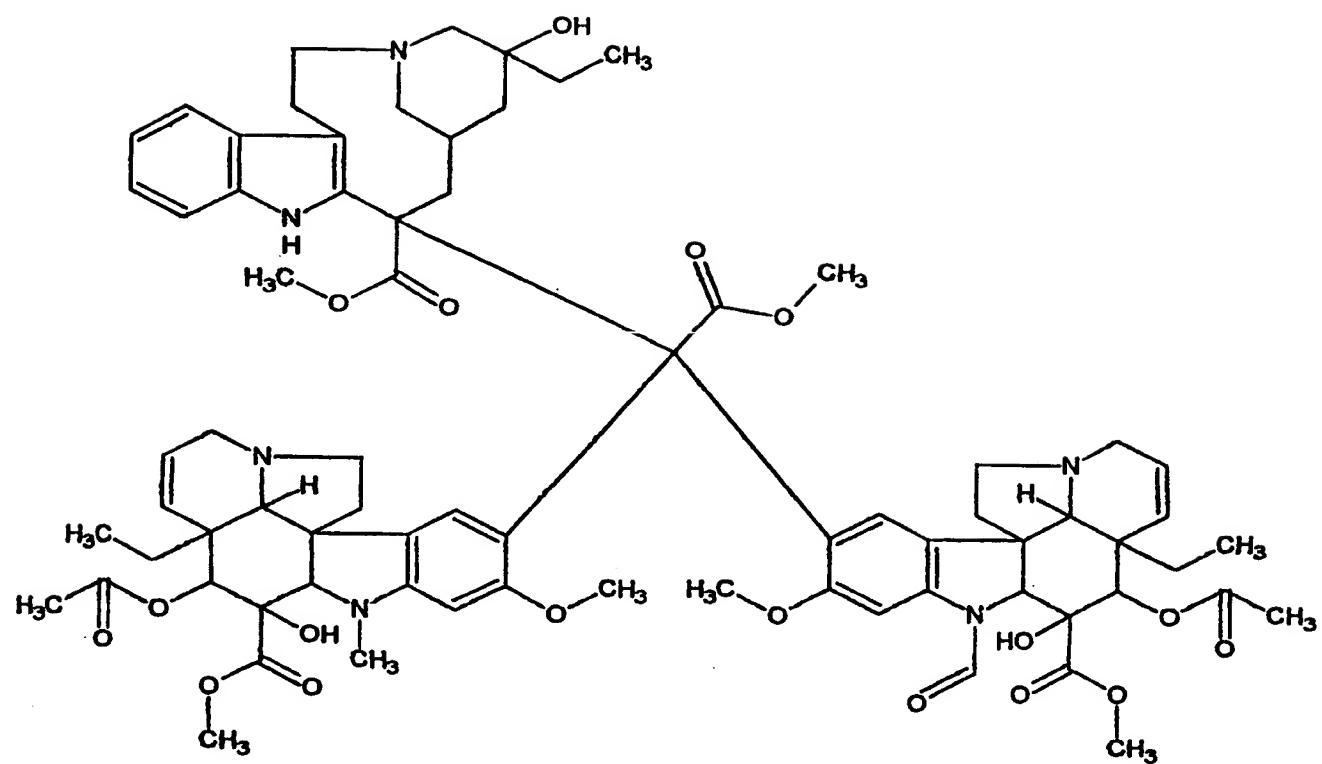


FIG. 21

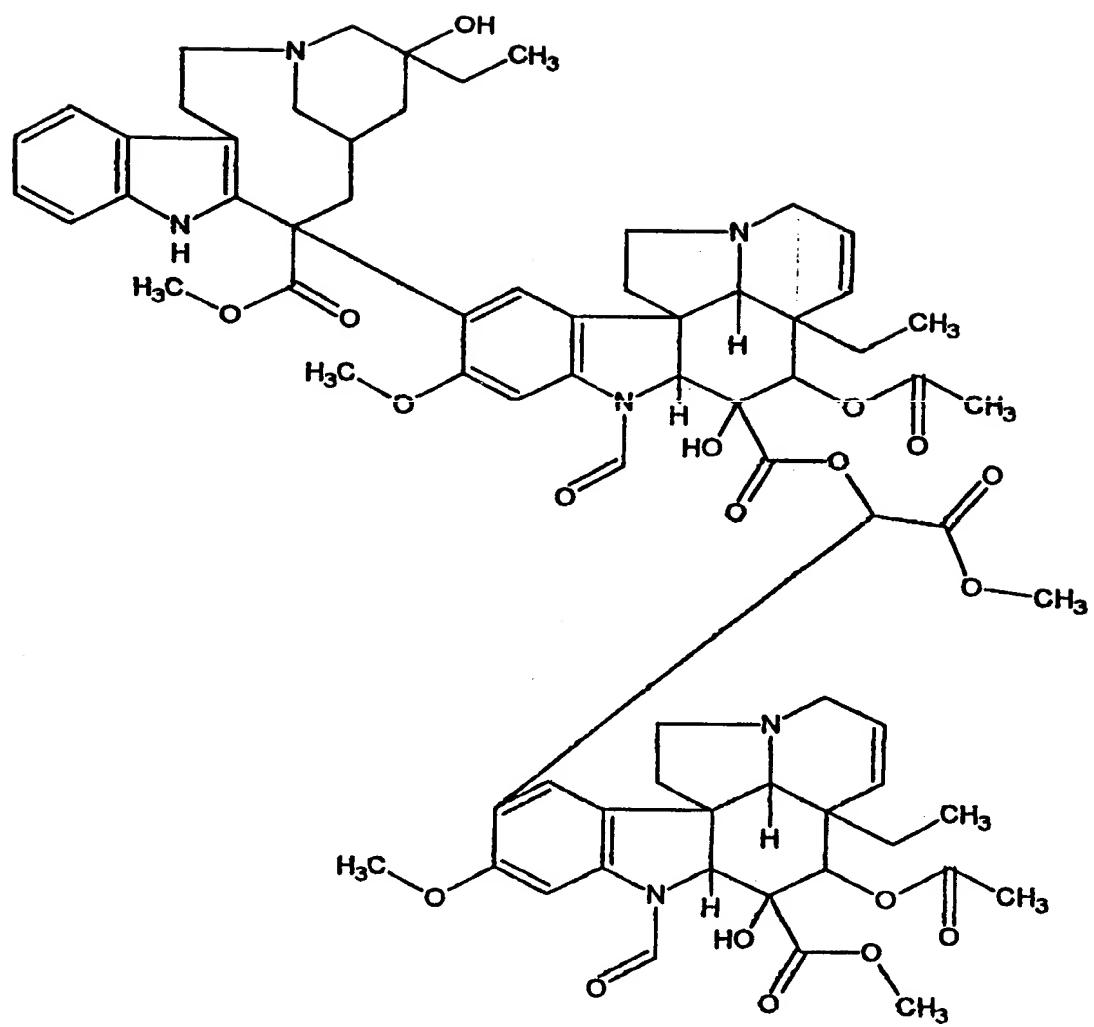


FIG. 22